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PTO/SB/21 (12-97)

Approved for use through 10/31/2002. OMB 0651-0031

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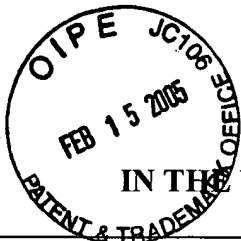
TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>	Application Number	10/814,617	
	Filing Date	3/31/2004	
	First Named Inventor	Bocock, Ryan M.	
	Group Art Unit	2817	
	Examiner Name	NGUYEN, KHANH V	
Total Number of Pages in This Submission	4	Attorney Docket Number	SIL.P0080

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication to Group
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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Johnson & Associates Bruce A. Johnson Customer Number 30163
Signature	
Date	2-9-05

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Typed or printed name	Bruce A. Johnson
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Bocock et al.

Serial No.: 10/814,617

Filed: 3/31/2004

Title: FAST SETTLING POWER
AMPLIFIER REGULATOR

Attorney Docket No.: SIL.P0080

Group Art Unit:

2817

Examiner:

NGUYEN, KHANH V

Commissioner for Patents

PO Box 1450

Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

This Information Disclosure Statement is submitted:

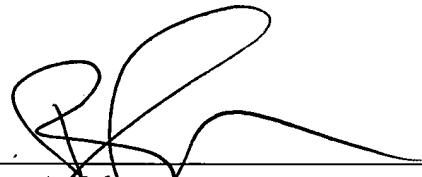
- ☐ under 37 CFR 1.97(b), or
(Within three months of filing national application; or date of entry of international application; or before mailing date of first office action on the merits; whichever occurs last)
- ☒ under 37 CFR 1.97(c) together with either a:
 - ☐ (1) Certification under 37 CFR 1.97(e); or
 - ☒ (2) a \$180.00 fee under 37 CFR 1.17(p), or
(After the CFR 1.97(b) time period, but before final action or notice of allowance, whichever occurs first)
- ☐ under 37 CFR 1.97(d) together with a:
 - ☐ Certification under 37 CFR 1.97(e), and
 - ☐ a \$180.00 fee under 37 CFR 1.17(p).
(Filed after final action or notice of allowance, whichever occurs first, but before payment of the issue fee)
- ☐ under 37 CFR 1.97(i)
(Not filed under either § 1.97 or § 1.98. IDS to be placed in the file)
- ☒ Applicant(s) submit herewith Form PTO 1449-Information Disclosure Citation together with copies, of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

Applicants would also like to make the Examiner aware of the following commonly owned co-pending patent applications: 10/378,779, filed on 3/4/2003 entitled "METHOD AND APPARATUS FOR CONTROLLING THE OUTPUT POWER OF A POWER AMPLIFIER"; and 10/880,962, filed on 6/30/04, entitled "METHOD AND APPARATUS FOR CONTROLLING THE OUTPUT POWER OF A POWER AMPLIFIER".

Applicants also note that two electronic IDS' are being filed on the same day as this IDS. In the first electronic IDS, an IDS fee is included.

It is requested that the information disclosed herein be made of record in this application.

Respectfully submitted,

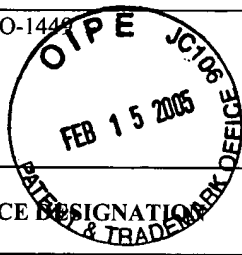
A handwritten signature in black ink, appearing to be "Bruce A. Johnson", written over a horizontal line.

Bruce A. Johnson
Attorney for Applicant(s)
Reg. No. 37361

Date: 2-9-05

Customer Number 30163
Telephone No.: 512-301-9900

FORM PTO-1449



ATTY. DOCKET NO.	SIL.P0080	SERIAL NO.	10/814,617
APPLICANT	Bocock et al.		
FILING DATE	3/31/2004	GROUP	2838

REFERENCE DESIGNATION U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS

FOREIGN PATENT DOCUMENTS

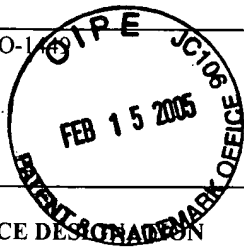
	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLAS	TRANSLATION	
						YES	NO
	WO 00/16492	03/23/00	Macnally et al.				
	WO 98/37627	08/27/98	Ledenev et al.				
	EO 399561	11/28/90	Clanahan et al.				
	DE 4419318	07/12/95	Grunecker et al.				
	EP 0413348A2	02/20/91	Andoh				
	JP 03128513A	05/31/91	Kasey a				
	JP 200074559	06/23/00	Tarui				
	EP 0654898A2	05/24/95	Matsushita et al.				

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

	Sokal, N. O. and Sokal, A. D., "Class E - A new class of high-efficiency tuned single ended switching power amplifiers," IEEE Journal of Solid State Circuits, vol. SC-10, No. 3, June 1975, pp. 168-176.
	Makihara, Chihiro et al., "The Possibility of High Frequency Functional Ceramics Substrate", International Smposium on Mulilayer Electronic Ceramic Devices, 5/5/98 in Cincinati, Ohio.
	Huang et al., "A BiCMOS /Automatic Gain Control Amplifier for SONET OC-3", Proceeding of the IEEE Custom IC Conference, May 1-4, 1995, pp 103-106.
	Webster, "Websters Ninth New Collegiate Dictionary", Merriam-Webster, 1991, page 971.

EXAMINER	DATE CONSIDERED
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FORM PTO-1485



ATTY. DOCKET NO. SIL.P0080

SERIAL NO. 10/814,617

APPLICANT Bocock et al.

FILING DATE 3/31/2004

GROUP 2838

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLAS	TRANSLATION	
						YES	NO
	JP 63-7011	01/12/98	Kashiai et al.				

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

	Toffolo et al., "Development of a CMOS switched capacitor instrumentation amplifier", IEEE Colloquium on ASICS, April 10, 1992 pp 2/1.
	G. Trauth V. Vanhuffel J. Trichet, "AN ADVANCED CONTROLLER FOR MULTI-BAND OPEN LOOP POWER CONTROL MODE RF POWER AMPLIFIER", Microwave Engineering, July 2002, pages 39-40.
	RF Micro Devices, Inc., RF3110 TRIPLE-BAND GSM/DCS/PCS POWER AMP MODULE Data Sheet, pages 2-401 - 2-412.
	Berglund, "A Note on Power-Law Devices and Their Effect on Signal-to-Noise Ratio", IEEE Transactions on Information Theory, Vol. 10, Issue 1, Jan. 1964, p.p. 52-57.

EXAMINER

DATE CONSIDERED